

Title (en)
SECONDARY STATION AND METHOD OF OPERATING THE STATION

Title (de)
SEKUNDÄRE STATION UND VERFAHREN ZUM BETREIBEN DER STATION

Title (fr)
STATION SECONDAIRE ET PROCEDE D'OPERATION D'UNE TELLE STATION

Publication
EP 1228587 B1 20080709 (EN)

Application
EP 01978335 A 20010831

Priority

- EP 0110164 W 20010831
- GB 0022633 A 20000915
- GB 0023617 A 20000927

Abstract (en)
[origin: WO0225839A1] A secondary station has a receiver capable of resolving signals received as a plurality of multipath signals from a plurality of primary stations during a soft handover process. In order to decode and act upon the received signals in a very short period of time, the duration of an offset ($T_0 + \tau$) between a downlink timing reference and an uplink timing reference may be varied by the secondary station. By choosing a suitable value for the offset, the secondary station can reduce the changes to the uplink timing reference. The downlink timing reference and/or the offset may be determined from the timings of received downlink signals. The secondary station may request a primary station to adjust the timing of its downlink transmissions to increase the amount of time available for processing the signals. This may, for example, be done by arranging for downlink signals from the primary station supplying the strongest signal to be received first.

IPC 8 full level
H04B 7/005 (2006.01); **H04B 7/26** (2006.01); **H04J 13/00** (2006.01); **H04Q 7/22** (2006.01); **H04W 52/40** (2009.01)

CPC (source: EP US)
H04W 52/40 (2013.01 - EP US)

Citation (examination)
US 5722074 A 19980224 - MUSZYNSKI PETER [FI]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0225839 A1 20020328; AU 1048202 A 20020402; CN 1235352 C 20060104; CN 1395767 A 20030205; EP 1228587 A1 20020807; EP 1228587 B1 20080709; US 2002049057 A1 20020425; US 7164914 B2 20070116

DOCDB simple family (application)
EP 0110164 W 20010831; AU 1048202 A 20010831; CN 01803706 A 20010831; EP 01978335 A 20010831; US 95186001 A 20010913